

CURRICULUM VITA

- 1) Name : **Mr. Thorat Sopan Muralidhar**
- 2) Educational Qualification : M.Sc M.Phil SET
- 3) Present Designation : Assistant Professor
- 4) Date of Birth : 20/11/1988
- 5) Contact No. : 9850506676
- 6) Email ID : sopan.karjat2011@gmail.com
- 7) Date of Appointment : 16/09/2023
- 8) Teaching Experience : 05 Years
- 9) Date of joining in present college: 16/09/2023
- 10) Educational Qualification:

| Sr. No. | Examination Passed | University/ Board | Year of Passing | Subject(s) | Class/ Grade |
|---------|--------------------|--------------------|-----------------|---------------------------------|--------------|
| 1. | S.S.C | Maharashtra Board | 2004 | Marathi, Eng, Maths, Science | First |
| 2. | H.S.C | Maharashtra Board | 2006 | Phy, Chem, Maths, Bio | First |
| 3. | B.Sc | SP Pune University | 2009 | Physics | Distinction |
| 4. | M.Sc | SP Pune University | 2013 | Physics | 'B' grade |
| 5. | SET | SP Pune University | 2016 | Physics | Qualified |
| 6. | M.Phil | SP Pune University | 2017 | Physics | 'A' Grade |

11) Total Research Publications: 04

a. M.Phil. / Ph.D./Research

| Sr. No. | M.Phil./ Thesis Title | Name of The Univ. | Year of award | Name of Guide |
|----------------|--|--------------------------|----------------------|----------------------|
| 1. | Synthesis of Superparamagnetic Iron Oxide Nanoparticles and its Application in Magnetic fluid Hyperthermia | SP Pune University | 2017 | Prof. Dr. S.I. Patil |

a. Research Paper:

| Sr. No. | Title of the Paper | Name of Journal | Month and Year of publication | ISBN | UGC. No./Impact Factor/ Citation Details |
|----------------|--|---------------------------------------|--------------------------------------|-----------------|---|
| 1. | Effect of Annealing on Structural and Morphological Properties of Bismuth Ferrite (BiFeO ₃) Nanoparticles | Int. Res. J. of Science & Engineering | Feb 2023 | ISSN: 2322-0015 | 6.7 |
| 2. | Functionalized Superparamagnetic Iron Oxide Nanoparticles for Magnetic Fluid Hyperthermia Application in Cancer Treatment | Int. Res. J. of Science & Engineering | Feb 2023 | ISSN: 2322-0015 | 6.7 |
| 3. | Synthesis and Characterization of WO ₃ thin films deposited by Thermal Evaporation Technique | Int. Res. J. of Science & Engineering | Feb 2023 | ISSN: 2322-0015 | 6.7 |
| 4. | Synthesis, Structural and Magnetic Properties of Cobalt Ferrite (CoFe ₂ O ₄) Nanoparticles by Simple Co-precipitation Technique | Int. Res. J. of Science & Engineering | Feb 2023 | ISSN: 2322-0015 | 6.7 |

b. Papers presented in Seminar / Conference:

| Sr. No. | Name of the Conference/ | Title of the paper | Date | Level (State/ | Name of the |
|----------------|--------------------------------|---------------------------|-------------|----------------------|--------------------|
|----------------|--------------------------------|---------------------------|-------------|----------------------|--------------------|

| | Seminar | | | National/ International) | Organizer |
|-----------|--|---|------------|-----------------------------|---------------------------|
| 1. | Recent Trends in Materials Science, Synthesis, Characterization and Applications | Effect of Annealing on Structural and Morphological Properties of Bismuth Ferrite (BiFeO ₃) Nanoparticles | 05/01/2023 | International | T.C.College , Baramati |